MBTA Key Bus Route Improvement Program

The MBTA is committed to improving your bus riding experience. Over the next two years, the MBTA will plan and implement a series of enhancements to 15 bus routes, chosen for their high ridership and frequency of service. This project, known as the **Key Bus Route Improvement Program**, will help reduce trip times; improve accessibility; enhance customer comfort, convenience and safety; and make the routes more reliable and cost-effective.

Utilizing $10 million in grant funding through the American Recovery and Reinvestment Act (ARRA) the MBTA now has the opportunity to implement the Key Bus Route Improvement Program. This one-time opportunity to improve service quality will be accomplished by implementing a combination of the following: bus stop location improvements, bus stop amenities – shelters, benches, trash receptacles and signage, curb extensions, and accessibility enhancements, in addition to traffic signal upgrades.

Working with local municipalities, all Key Bus Route improvements will be developed with the help of public input. The public process for Routes 23, 39 and 28 has recently been completed, and the remaining 12 routes will be improved over the next two years through a phased implementation approach. Routes 1, 57, and 66 constitute the next phase of Key Bus Routes scheduled for implementation. Initial community meetings were held in January/February 2011 to present preliminary recommendations. Based on municipal and community feedback some of these recommendations have been refined and are being presented for further comment. Your input at this meeting will help inform how we improve Bus Routes 1, 57 and 66. We look forward to collaborating with you to provide a better bus service!

For more information and project updates please visit www.mbta.com/keybusroutes.

MBTA Key Bus Route 2nd Meetings

Route	Date	Time	Location	Address
1	Monday, March 7	6:30 – 8:00	United South End Settlements	566 Columbus Ave, Boston
66	Tuesday, March 8	6:30 – 8:00	Jackson Mann Community Center	500 Cambridge St, Boston
57	Monday, March 14	6:30 – 8:00	St. Elizabeth's Medical Center, Seton Auditorium	736 Cambridge St, Boston

MBTA Key Bus Route Improvement Program

Glossary and Abbreviations of Terms

Bus Stop Location – Nearside: bus stop is located before an intersection, or driveway.
Bus Stop Location – Farside: bus stop is located after an intersection, or driveway.
Bus Stop Location – Mid-block: bus stop is located in the middle of a street block.

Companion Stop – bus stops are typically located in pairs, one on each side of the street.

Curb extension (or bulb out) – sidewalk is widened in a particular section, sometimes either side of a crosswalk, or at the start/end of on-street parking.

Generic/Rear Sign – MBTA bus stop sign that is located at the rear of the stop to define the end of the bus stop.

Landing pad/area – an area at the front of the bus stop where customers board and alight the bus.

Queue jump – priority is given to buses at an intersection. It can also come in a variety of forms such as a shared right turn/bus lane allowing the bus to access a farside stop more quickly or with a bus only signal, allowing buses to advance ahead of the general traffic.

Rt. Descr. Sign (Route Descriptive Sign) – MBTA bus stop sign that is located at the front of the stop and lists bus route and customer information.

Sharrow – pavement marking on the roadway that indicates to bicyclists that the road space they are entering is shared, i.e. with a bus stop or general traffic.

TSP (Transit Signal Priority) – priority is given to buses at traffic signals. This can come in a variety of forms, but the most common form is for the green time to be extended for all traffic when a bus is approaching the intersection. This will only be effective for farside or mid-block stops.

INBOUND

Stop ID	Street	Stop Name/ Cross Street	Dist. to Next Stop (ft)	Time to Next Stop (mins)	Stop Location	Routes serving stop	Route 66 Ons (Fall09)	Route 66 Offs (Fall09)	Ons (Total All Routes)	Offs (Total All Routes)	Municipality	Sidewalk Width (ft)	Existing Shelter	Existing Bench	Existing Bus Stop Length (ft)	Refined Preliminary Recommendations
22549	Massachusetts Ave	Garden St	1530'	7	near side	66	925	0	925	0	Cambridge	TBD	CEMUSA	Yes in shelter & plaza	96	Relocate trash receptacle. Open up fence so 2nd bus can pull in and pick up/drop off passengers when the 1st bus pulls all the way up. Add pavement markings. Investigate queue jump or Bus only signal with emmitter.
32549	Eliot St	Bennett St	450'	2	far side	66	976	3	976	3	Cambridge	25	CEMUSA (2)	Yes (6)	61	Add bus stop pavement markings.
2550	JFK St	Eliot St	1910'	9	far side	66, 86	265	1	351	7	Cambridge	11	CEMUSA	Yes	56	Add bus stop pavement markings.
2551	N Harvard St	Gate 2 Harvard Stadium	1260'	6	near side	66, 86	61	23	72	53	Boston	10	No	Yes	34	Add front sign.
9584	N Harvard St	Opp #175	390'	2	near side	66, 86	30	30	35	45	Boston	TBD	No	Yes	53	Remove stop due to proximity of Western Ave stop - 390' away, despite revised bus stop spacing being 1650'.
2553	N Harvard St	Western Ave	730'	3	near side	66, 86	215	88	245	165	Boston	9	Wall	Yes	70	**Relocate stop further north out of right turn lane. Relocate shelter onto Harvard property to open up sidewalk. Investigate shared bus lane/right turn lane.** Shift front sign further south to create clear path. Add pavement markings
2554	N Harvard St	Franklin St	670'	3	far side	66	146	121	146	121	Boston	8	Wall	Yes	75	Shorten bus stop length to 60' and add trash receptacle and pavement markings.
2555	N Harvard St	Coolidge St	820'	4	near side	66	61	97	61	97	Boston	8	No	Yes	66	Add bench and trash receptacle.
2556	N Harvard St	Hooker St	370'	2	far side	66	58	104	58	104	Boston	8	No	Yes	66	Add pavement markings and front sign.
1191	Cambridge St	N Harvard St	1110'	5	mid-block	64, 66, 501	71	29	75	44	Boston	10	No	No	71	Consolidate stop with Linden St because of proximity to Hooker St stop ~370' away, poor location midblock, low ridership and to improve bus stop spacing. Reinstate 3 parking spaces. **Revised Recomm: Proposal for New stop will be located farside of Lincoln St. withdrawn. New stop will be located nearside** No impact to parking. Add trash receptacle and pavement markings. **Revised bus stop spacing Hooker-Lincoln will be ~900' and Lincoln-Franklin will be ~1370'.**
New Stop	Cambridge St	Lincoln St			near side						Boston					**New stop near side of Lincoln St by Auto Body. Better pedestrian crossing, and far-side may be inaccessible due to traffic signal post.**
1192	Cambridge St	opp Linden St	710'	3	mid-block	64, 66, 501	39	71	41	82	Boston	7.5	No	No	NA	Consolidate stop with N. Harvard St as above. Current stop is relatively inaccessible with stair approach and on bridge.
1193	Cambridge St	Franklin St	1720'	8	near side	64, 66, 501	43	132	46	159	Boston	8.5	No	No	75.5	Relocate stop to farside to provide improved, accessible stop location; current stop has limited access with the existing jersey barrier = -3 parking spaces.
926	Brighton Ave	Cambridge St	580'	3	far side	57, 66	536	141	765	322	Boston	9.5	No	No	63	Coordinated with Route 57 Recommendations. Add curb extension if permission to add a shelter. Add benches with abutter permission.

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927	Brighton Ave	Allston St	650'	3	near side	57, 66	232	141	360	302	Boston	9.5	No	No	NA	**Revised Recomm: Per Route 57 Meeting. Proposal to eliminate stop to improve bus stop spacing due to insufficient bus stop length and degraded sidewalk at this stop is withdrawn.** **Investigate the potential to install bench and trash receptacle and improve sidewalk conditions.**
928	Brighton Ave	Harvard Ave	930'	4	near side	57, 66	288	198	543	462	Boston	9.5	No	No	31	Coordinated with route 57 recommendations. Relocate rear sign further back to provide sufficent stop length = -2 parking spaces. Add bench (beside signal box), trash receptacle and pavement markings. **Relocate stop further back from intersection and create shared right turn/bus lane = -3/4 parking spaces.**
1302	Harvard Ave	Commonwealth Ave	840'	4	near side	66	764	423	764	423	Boston	9.5	No	Yes	99	**Revised Recomm: Relocate stop back from intersection, farside of driveway, away from intersection. Investigate** signal improvements**/adding shared right turn/bus lane.** Add bench, trash receptacle and pavement markings.
11302	Harvard St	Verndale St	1090'	5	near side	66	205	45	205	45	Brookline	9.5	No	Yes wood & metal	50	Relocate to farside only if there is a possibility to add a shelter (farside has an existing bench and trash receptacle) = -3 mtered spaces, 2 can be reinstated at existing stop. Add pavement markings. Add 'Yield to Pedestrians' sign.
1304	Harvard St	Coolidge St	830'	4	near side	66	75	91	75	91	Brookline	9.5	No	Yes	44	Relocate to farside (in front of the Butcherie) due to insufficient bus stop length and blocked landing area = -3 metered spaces, but 2 could be reinstated at existing stop. Add trash receptacle and pavement markings. (bench exists at proposed stop). Replace or add JFK Crossing.to stop name.
1306	Harvard St	Williams St	750'	4	near side	66	35	47	35	47	Brookline	10	No	No	54	Consolidate with #322 Harvard St to improve bus stop spacing and insufficient bus stop lengths. Locate new stop farside of Shailer = -3 spaces, but 2 spaces could probably be reinstated at former stop and 2-3 at #322 Harvard St.
New Stop	Harvar St	Shailer St	900'	4	far side						Brookline					Consolidate #322 Harvard St and Williams St at a new stop far side of Shailer St. Add bench, trash receptacle and pavement markings. Revised bus stop spacing would be about ~1100' from Coolidge and 900' to Beacon.
1307	Harvard St	#322	580'	3	mid-block	66	50	137	50	137	Brookline	10	No	Yes	58.5	Consolidate with Williams St as above. Reinstate 2-3 parking spaces at former stop.

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1308	Harvard St	Beacon St	940'	4	near side	66	327	468	327	468	Brookline	12	No	Yes	59	Reconfigure curb space between Green and Beacon crosswalks to improve traffic flow and access to the bus stop. Shift cab stand to nearside of Beacon. Shift bus stop/lane to span remaining area between the crosswalk and cab stand, blocking driveway access = -1 metered space. Paint 'do not block' area at front of stop in adjacent travel lane to allow buses to enter traffic quicker. Add a bench.
1309	Harvard St	Marion St	710'	3	near side	66	111	80	111	80	Brookline	7.5	No	Yes	58	Consolidate with Harris St with a new stop nearside of Foster only **if a shelter** can be accomodated on BHA property = -3 metered spaces, but these could be reinstated at former Harris stop.
New Stop	Harvard St	Foster St	1230'	6	near side						Brookline					Consolidate Marion St and Harris St at a new stop nearside Foster St. Add pavement markings. Revised bus stop spacing would be ~1230ft.
1310	Harvard St	**Harris St**	760'	4	far side	66	78	79	78	79	Brookline	7.5	No	No	57	Consolidate with Marion as above (walking distance to/from crosswalk to S&S doesn't seem much longer to nearside of Foster than farside of Harris (~30ft)). (If retain Harris St add a bench). At TSP at Harvard Ave and S&S parking lot exit.
1311	Harvard St	School St	700'	3	near side	66	48	105	48	105	Brookline	8	No	Yes	55	Relocate front sign onto pole at end of bus stop pavement markings. Add TSP at School St.
1312	Harvard St	Pierce St	550'	3	near side	66	27	86	27	86	Brookline	8.25	No	No	68	Remove stop due to relatively low ridership and improve bus stop spacing (companion at Linden also proposed for elimination). Reinstate 3-4 metered spaces at former bus stop. Revised bus stop spacing will be 1250'.
1313	Harvard St	Washington St	990'	5	near side	66	106	256	106	256	Brookline	8.5	No	Yes (nearby)	48	Add pavement markings, bench & trash receptacle. Relocate rear sign onto post and provide sufficient bus stop length = -1/2 parking spaces. Paint a sharrow as part of Harvard Ave Bike Lane Project. Add TSP at Washington St.
1555	Washington St	Walnut St	990'	5		65, 66	140	113	157	171	Brookline	10	Other (ped overpass)	Yes	60	Relocate signs nearer bench and sheltered area under bridge. Add TSP at Washington/High.
1314	Huntington Ave	Jamaicaway	930'	4	near side	66	59	360	59	360	Boston	8	No	No	84	Relocate stop nearside of South Huntington (between gas station driveways) to improve bus stop waiting environment, visibility of stop and connections to Route 39/Green Line. Bus stop will share with right turn lane. Add bench, trash receptacle and pavement markings.

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Stop ID	Street	Stop Name/ Cross Street	Dist. to Next Stop (ft)	Time to Next Stop (mins)	Stop Location	Routes serving stop	Route 66 Ons (Fall09)	Route 66 Offs (Fall09)	Ons (Total All Routes)	Offs (Total All Routes)	Municipality	Sidewalk Width (ft)	Existing Shelter	Existing Bench	Existing Bus Stop Length (ft)	Refined Preliminary Recommendations
1315	Huntington Ave	Parker Hill Ave	680'	3	near side	39, 66	136	156	438	298	Boston	12-Sep	No	No	65	Maintain and improve stop in coordination with Route 39 Recommendations
1316	Huntington Ave	Mission St	480'	2	near side	39, 66	28	43	56	132	Boston	10	No	No	65	Remove stop in coordination with Route 39 Recommendations
1317	Huntington Ave	opp Fenwood Rd	540'	3	far side	39, 66	87	570	184	949	Boston	10	No	No	65	Maintain and improve stop in coordination with Route 39 Recommendations
1319	Tremont St	opp Wigglesworth St	500'	2	mid-block	66	380	187	380	187	Boston	15	Wall	Yes	65	Relocate front sign closer to driveway to lengthen stop (no parking impact) and add trash receptacle and pavement markings.
1320	Tremont St	Whitney St	600'	3	mid-block	66	40	24	40	24	Boston	10	No	Yes	48	Consolidate stop with Carmel St stop. Reinstate 2 parking spaces. New stop will be located farside of St. Alphonsus = -3 parking spaces. Revised bus stop spacing will be ~800' Wigglesworth-St. Alphonsus and ~980' St. Alphonsus to relocated stop at Seawall.
11320	Tremont St	Carmel St	330'	2	near side	66	20	33	20	33	Boston	11	No	No	44	Consolidate with Whitney stop as above. Reinstatement of parking spaces may be restricted due to the presence of a fire hydrant at former stop.
New Stop	Tremont St	St. Alphonsus									Boston					New consolidated stop far-side of St. Alphonsus. **Add pavement markings, bench and trash receptacle.** **Consider shared bus/right turn lane at St. Alphonsus = -3/4 parking spaces.**
21320	Tremont St	Burney St	480'	2	mid-block	66	13	13	13	13	Boston	13	Wall	Yes	57	Remove stop due to low ridership and to improve bus stop spacing. Existing shelter will need to be relocated. 3 parking spaces could be reinstated at former stop.
1322	Tremont St	Parker St	540'	3	near side	66	17	82	17	82	Boston	16	No	No	51	Relocate stop farside of Sewall due to insufficient bus stop length and to improve bus stop spacing, while minimizing parking impact. Add trash receptacle and **pavement markings**.
1323	Tremont St	Columbus Ave	720'	3	mid-block	66	69	656	69	656	Boston	16	No	Yes	124	**Shorten stop to 80' (no parking impact) and** add pavement markings. **Investigate signal improvements.**
11257	Malcolm X Blvd	King St	780'	4	far side	66, 10+ routes	48	168	48	168	Boston	11	Wall	Yes	40	Recommendations will be considered as part of the Roxbury/Dorchester/Mattapan Transit Needs Study
1259	Malcolm X Blvd	opp Madison Park HS	410'	2	mid-block	66, 10+ routes	2	74	2	74	Boston	9.5	Yes	Yes	70	Recommendations will be considered as part of the Roxbury/Dorchester/Mattapan Transit Needs Study
11323	Malcolm X Blvd	opp O'Bryant HS	730'	3	mid-block	66, 10+ routes	2	87	2	87	Boston	10	Yes	Yes	78	Recommendations will be considered as part of the Roxbury/Dorchester/Mattapan Transit Needs Study
11259	Malcolm X Blvd	Shawmut Ave	1280'	6	near side	66, 10+ routes	2	118	2	118	Boston	8	No	No	77	Recommendations will be considered as part of the Roxbury/Dorchester/Mattapan Transit Needs Study
64000	Busway	Dudley Station	N/A		Busway	66, 10+ routes	12	1057	12	1057	Boston	TBD	TBD	TBD	TBD	Recommendations will be considered as part of the Roxbury/Dorchester/Mattapan Transit Needs Study

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64000		Dudley Station	900'	4	Busway	66, 10+ routes	1880	0	1880	0	Boston					Recommendations will be considered as part of the Roxbury/Dorchester/Mattapan Transit Needs Study
1148	Malcolm X Blvd	Shawmut Ave	660'	3	far side	66, 10+ routes	77	1	77	1	Boston	8	Wall	Yes	78	Recommendations will be considered as part of the Roxbury/Dorchester/Mattapan Transit Needs Study
11149	Malcolm X Blvd	O'Bryant HS	530'	3	mid-block	66, 10+ routes	106	8	106	8	Boston	9	Wall	Yes	57	Recommendations will be considered as part of the Roxbury/Dorchester/Mattapan Transit Needs Study
11148	Malcolm X Blvd	Madison Park HS	880'	4	mid-block	66, 10+ routes	16	1	16	1	Boston	10	No	Yes	77	Recommendations will be considered as part of the Roxbury/Dorchester/Mattapan Transit Needs Study
21148	Malcolm X Blvd	Tremont St	530'	3	mid-block	66, 10+ routes	43	21	43	21	Boston	18	Wall	Yes	47	Recommendations will be considered as part of the Roxbury/Dorchester/Mattapan Transit Needs Study
1357	Tremont St	opp Roxbury Crossing Station	490'	2	mid-block	19, 66	814	110	814	110	Boston	11	Long corrugated metal shelter over bridge	Yes	123	**Shorten stop to 100' (no parking impact).** Add trash receptacle and pavement markings. Investigate **signal** and pedestrian crossing improvements.
1359	Tremont St	Parker St	440'	2	near side	19, 66	56	21	56	21	Boston	14	No	No	49	Consolidate with Tobin Community Center stop to improve bus stop spacing. New stop will be located farside of Faxon St. = -3 parking spaces. Reinstate 2-3 parking spaces at former stop. Add shelter, trash receptacle and pavement markings. Revised stop spacing will be ~800' Roxbury Crossing-Faxon, and ~960' Faxon-Alphonsus.
New Stop	Tremont St	Faxon St			far side						Boston					Consolidate Parker and Tobin CC with new stop at Faxon (60' long) **in coordinatation with BCYF and investigate the potential shelter to add a shelter on abutter property.**
13590	Tremont St	Tobin Community Center	440'	2	mid-block	19, 66	27	41	27	41	Boston	10	No	No	51	Consolidate with Parker Street Stop as above. Reinstate 2 parking spaces at former stop.
1360	Tremont St	Mission Church	730'	3	mid-block	19, 66	31	60	31	60	Boston	11	No	No	63	Consolidate with Worthington to improve bus stop spacing and stop location. Reinstate 3 parking spaces at former stop. New stop will be located nearside of St. Alphonsus = -3 2hr parking spaces. Add bench, trash receptacle and pavement markings. Revised bus stop spacing will be ~800' to relocated Huntington Ave stop.
New Stop	Tremont St	St Alphonsus			near side						Boston					Consolidate Mission Church and Worthington with a new stop nearside of St. Alphonsus (80' long) = -3 2hr parking spaces. Add bench, trash receptacle and pavement markings. **Investigate signal improvements.**
1361	Tremont St	Worthington St	530'	3	near side	66	45	54	45	54	Boston	6	No	No	33	Consolidate with Mission Church stop as above. Reinstate 2-3 metered parking spaces.
1362	Tremont St	Huntington Ave	390'	2	near side	66	454	564	454	564	Boston	10	No	Yes	66	Relocate stop back from intersection to farside of driveway (west of Wigglesworth) to provide easier access to left turn lane after serving stop and improve traffic flow = -6 spaces. Add bench, trash receptacle and pavement markings. Review signal improvements to create two approach lanes (**left, through/right**) at Huntington Ave.

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1363	Huntington Ave	Fenwood Rd	1150'	5	far side	39, 66	263	70	497	169	Boston	10	Yes	Yes	50	Maintain and improve stop in coordination with Route 39 Recommendations
1365	Huntington Ave	#835 opp Parker Hill Ave	970'	5	mid-block	39, 66	175	146	342	336	Boston	10	Wall	Yes	63	Maintain and improve stop in coordination with Route 39 Recommendations
1366	Huntington Ave	Riverway	1080'	5	far side	66	282	60	282	60	Boston	8	No	No	80	Relocate to nearside of Riverway northbound to provide better visibility of stop, improve connectivity to Route 39/Green Line. Add bench, trash receptacle and pavement markings
1526	Washington St	Pearl St	920'	4	off road	66	289	301	289	301	Brookline	9	No	No	78	Add shelter and trash receptacle.
1367	Harvard St	Kent St	560'	3	far side	66	163	85	163	85	Brookline	9	No	No	58	Add bench, trash receptacle, and pavement markings. Add TSP with green extension.
1368	Harvard St	Linden St	620'	3	near side	66	44	42	44	42	Brookline	8.5	No	No	60	Remove stop due to low ridership, insufficient bus stop length, poor sidewalk conditions and to improve bus stop spacing. Reinstate 3 parking spaces (eg metered, loading, HP or teacher parking). (Companion at Pierce also proposed for elimination). Revised bus stop spacing will be 1230'.
1369	Harvard St	Aspinwall St	490'	2	far side	66	156	44	156	44	Brookline	13	No	Yes - 2 (1 nearby)	68	Rearrange street furniture to improve accessibility to stop. Add shelter and relocate bench closer to front of stop. Add TSP - green extension at Aspinwall.
1370	Harvard St	opp Auburn St	360'	2	mid-block (between 2 driveways)	66	18	22	18	22	Brookline	7.5	No	No	42	Remove stop due to low ridership, and improve bus stop spacing. Closest stop at Vernon St is 360' away. Due to presence of a hydrant potential reuse of former bus stop is limited to a cab stand. stand. Revised bus stop spacing will be 850'.
1371	Harvard St	opp Vernon St	1370'	7	mid-block	66	102	83	102	83	Brookline	7.5	No	Yes	92	Add shelter (with abutter (S&S) permission - may replace an existing bench. Add bus stop pavement markings and relocate signs and poles to better define bus stop area. Add TSP - green extension and **investigate shared bus/right turn lane** at Harris/S&S driveway, before bus stop.
1372	Harvard St	Beacon St	840'	4	near side	66	475	396	475	396	Brookline	10 (Brookline tapers 8.5-11.8ft)	No	Yes	NA	Relocate to farside of Beacon to improve traffic flow on shared right turn lane and access to stop. Add bench, trash receptacle and pavement markings at proposed stop (proposed stop has concrete sidewalk with bench at CVS) = -3 cab spaces. Revised bus stop spacing would be ~ 1660; therefore recommend addition of stop between Vernon and Beacon farside of driveway (north of Marion St) = -3 metered spaces. Add bench and trash receptacle. Revised bus stop spacing would be Vernon-Marion ~600' and Marion-Beacon ~800'.

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1373	Harvard St	Babcock St	770'	4	far side	66	196	89	196	89	Brookline	10	No	Yes	39	Consolidate with Beals to improve bus stop spacing (especially with relocated stop at Beacon), poor boarding area at Babcock and insufficient bus stop length at both stops. Locate new stop nearside of Stedman and add pavement markings = -2 HP spaces (existing benches & trash receptacle). Relocate 2 HP spaces behind stop = -2 metered spaces. Resinstate 2 metered spaces at former Babock stop. Revised bus stop spacing would be ~800' Beacon-Stedman & Stedman- relocated Coolidge stop ~800'.
1374	Harvard St	Beals St	660'	3	near side	66	48	58	48	58	Brookline	13	No	Yes	38	Consolidate with Babcock St, as above. Reinstate 1 metered parking space at former Beals stop.
1375	Harvard St	Coolidge St	1090'	5	near side	66	76	81	76	81	Brookline	12	No	Yes	44	Relocate to farside of Coolidge = -2/3 metered spaces, but 2 could be reinstated at former stop. Add bench, trash receptacle and pavement markings. Add TSP at Fuller St. Consider renaming stop to JFK Crossing.
1376	Harvard St	opp Verndale St	700'	3	near side	66	48	137	48	137	Brookline	12	No	No	47	Relocate to farside of opp. Verndale due to insufficient bus stop length, and improve waiting environment = -2/3 metered spaces (hydrant at rear of stop). 2 spaces can be reinstated at existing stop. Add bench and pavement markings. Proposed location has shelter from building, and existing trash receptacles. Add TSP at Verndale.
1378	Harvard Ave	Commonwealth Ave	1060'	5	near side	66	416	830	416	830	Boston	10 (14 by shelter)	Wall (narrow)	Yes	42	Relocate signs to provide sufficient bus stop length = - 2 metered spaces. Add pavement markings.
1379	Harvard Ave	Brighton Ave	570'	3	near side	66	170	326	170	326	Boston	10.5	No	Yes	42	Relocate stop further back from intersection to nearside of driveway to provide easier access to left turn lane and improve traffic flow = -3-4 2hr parking spaces. Add trash receptacle, and pavement markings. Review signal improvements to create two approach lanes to Brighton Ave.
964	Brighton Ave	opp Quint Ave	560'	3	mid-block	57, 66	180	304	414	516	Boston	14.5	Wall	Yes	42	Coordinated with Rte 57 recommendations. Eliminate parking space behind stop and relocate rear sign to provide sufficient bus stop length.
965	Brighton Ave	Craftsman St	650'	3	far side	57, 66	116	392	205	541	Boston	9.5	Wall	Yes	81	Coordinated with Route 57 recommendations. Ideally eliminate bus stop - next stop is located on the opposite side of the fire house ~150ft away; it does however house a shelter; therefore shelter will need to be relocated. Also proposed for elimination on Route 57. Revised stop spacing would be 1210'.
1111	Cambridge St	Craftsman St	990'	5	near side	64, 501	186	62	246	86	Boston	9	Wall	Yes	67	Add pavement markings.
1112	Cambridge St	Harvard Ave	530'	3	mid-block	64, 66, 501	59	24	74	29	Boston	10' 9" - snowy	Wall	Yes	NA	Add trash receptacle and pavement markings.

OUTBOUND

Stop ID	Street	Stop Name/ Cross St	Distance to Next Stop (ft)	Time to Next Stop (mins)	Stop Location	Routes serving stop	Route 66 Ons (Fall09)	Route 66 Offs (Fall09)	Ons (Total All Routes)	Offs (Total All Routes)	Municipality	Sidewalk Width (ft)	Existing Shelter	Existing Bench	Existing Bus Stop Length (ft)	Refined Preliminary Recommendations
1113	Cambridge St	Linden St	1790'	9	near side	64, 66, 501	170	39	206	45	Boston	Varies	Wall	Yes	50 (45 to pot)	Relocate rear sign to provide sufficient bus stop length and add pavement markings = -1-2 parking spaces. Add trash receptacle.
New Stop	Cambridge Street	Lincoln Street	-	-	far side	66	-	-	-	-	Boston	-	-	-	-	Add new stop on Cambridge St farside of Lincoln St to reduce distance between stops (1720').. Revised bus stop spacing will be ~1020' Linden-Lincoln, and ~700' Lincoln-Empire.
2558	N Harvard St	Empire St	780'	4	far side	66	132	110	132	110	Boston	8	No	Yes	45	Relocate front sign to provide sufficient bus stop length = -1 parking space. Add pavement markings.
2559	N Harvard St	Oxford St	800'	4	near side	66	107	86	107	86	Boston	8	Wall	Yes	47	Replace front sign and relocate rear sign to provide sufficient bus stop length = -1 HP space. HP space could be relocated further back. Add trash receptacle and pavement markings. **Investigate the potential to add a crosswalk.**
2560	N Harvard St	Kingsley St	740'	4	near side	66	62	100	62	100	Boston	9	No	Yes	65	Relocate rear sign to provide sufficient bus stop length = -1 parking space.
2561	N Harvard St	Western Ave	410'	2	far side	66, 86	156	182	223	223	Boston	9	Wall	Yes	67	**Lengthen stop to improve traffic flow = -1 parking space.** Add pavement markings
2562	N Harvard St	Opp #175	1320'	6	mid-block	66, 86	40	51	52	60	Boston	10	Wall	Yes	37	Eliminate stop due to proximity of Western Ave 410' away, despite revised bus stop spacing being 1730'. Existing shelter will need to be relocated.
2564	N Harvard St	opp Harvard Stadium Gate 2	1920'	9	far side	66, 86	34	58	64	73	Boston	10	Wall	Yes	93	**Shorten stop to 60' (no parking impact).** Add pavement markings and replace signs
25641	JFK St	Eliot St	1500'	7	near side	66	2	874	2	874	Cambridge	9	No	No	52	Add bus lane on approach to South St.
2168	Massachusetts Ave	Johnston Gate	1000'	5	near side	1, 68, 69	0	1041	362	1041	Cambridge	9	No	No	46	Add bench, and bus stop pavement markings. Relocate bus stop signs to provide bus stop length for 2 buses, and do not block Harvard Uni driveway.
22549	Massachusetts Ave	Garden St	NA		far side	66	0	305	0	305	Cambridge	TBD	CEMUSA	Yes in shelter & plaza	TBD	Relocate trash receptacle. Open up fence so 2nd bus can pull in and pick up/drop off passengers when the 1st bus pulls all the way up. Add pavement markings and queue jump or Bus only signal with emmitter.

Massachusetts Bay Transportation Authority

massDOT

Key Bus Route Improvement Program

Route 66

Preliminary Recommendations
Cambridge

- Route 66
- 2550 Existing Stops w/ Bus Stop Identification No.
- Proposed Stops
- Proposed Eliminated Stops
- Rapid Transit Lines w/ Stations
- Commuter Rail w/ Stations
- P Traffic Signals (P = Pedestrian Signal)
- 750 ft Distance between Existing Stops
- Municipal Boundaries

MAP SOURCE: MassGIS

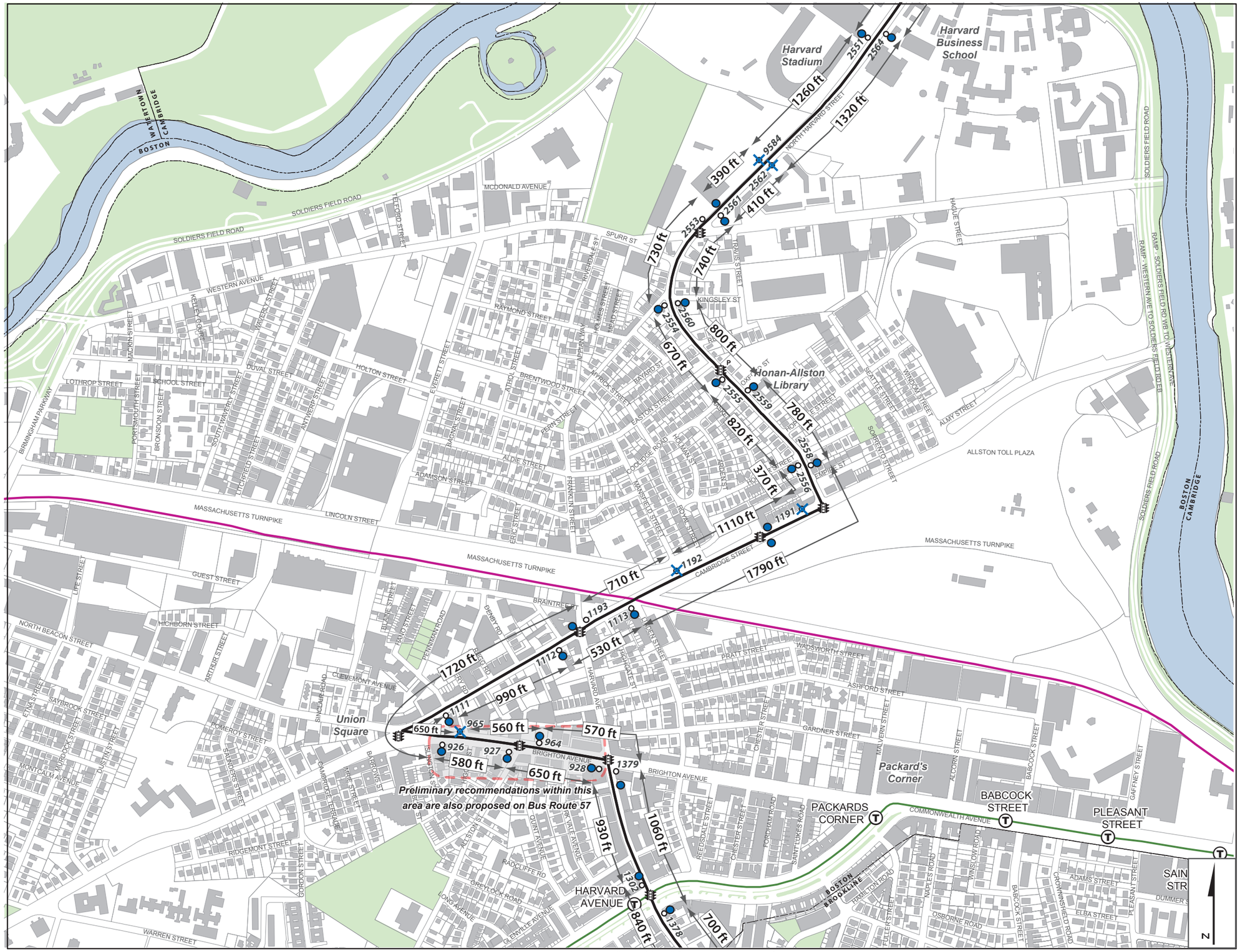
0 500 1,000 2,000 Feet

McMAHON TRANSPORTATION ENGINEERS & PLANNERS

8 March 2011

See map "Allston-Brighton" for continuation of route

See map "Cambridge" for continuation of route



See map "Brookline" for continuation of route

Massachusetts Bay Transportation Authority

massDOT

Key Bus Route Improvement Program

Route 66

Revised Preliminary Recommendations Allston-Brighton

- Route 66
- 110 Existing Stops w/ Bus Stop Identification No.
- Proposed Stops
- Proposed Eliminated Stops
- Rapid Transit Lines w/ Stations
- Commuter Rail w/ Stations
- P Traffic Signals (P = Pedestrian)
- 750 ft Distance between Existing Stops
- Municipal Boundaries

MAP SOURCE: MassGIS

0 375 750 1,500 Feet

McMAHON TRANSPORTATION ENGINEERS & PLANNERS

8 March 2011

See map "Allston-Brighton" for continuation of route

Massachusetts Bay Transportation Authority

massDOT

Key Bus Route Improvement Program

Route 66

Preliminary Recommendations

Brookline

- Route 66
- 1555 Existing Stops w/ Bus Stop Identification No.
- Proposed Stops
- Proposed Eliminated Stops
- Rapid Transit Lines w/ Stations
- Commuter Rail w/ Stations
- P Traffic Signals (P = Pedestrian Signal)
- 750 ft Distance between Existing Stops
- Municipal Boundaries

See map "Mission Hill" for continuation of route

MAP SOURCE: MassGIS

0 500 1,000 2,000 Feet

McMAHON TRANSPORTATION ENGINEERS & PLANNERS

8 March 2011

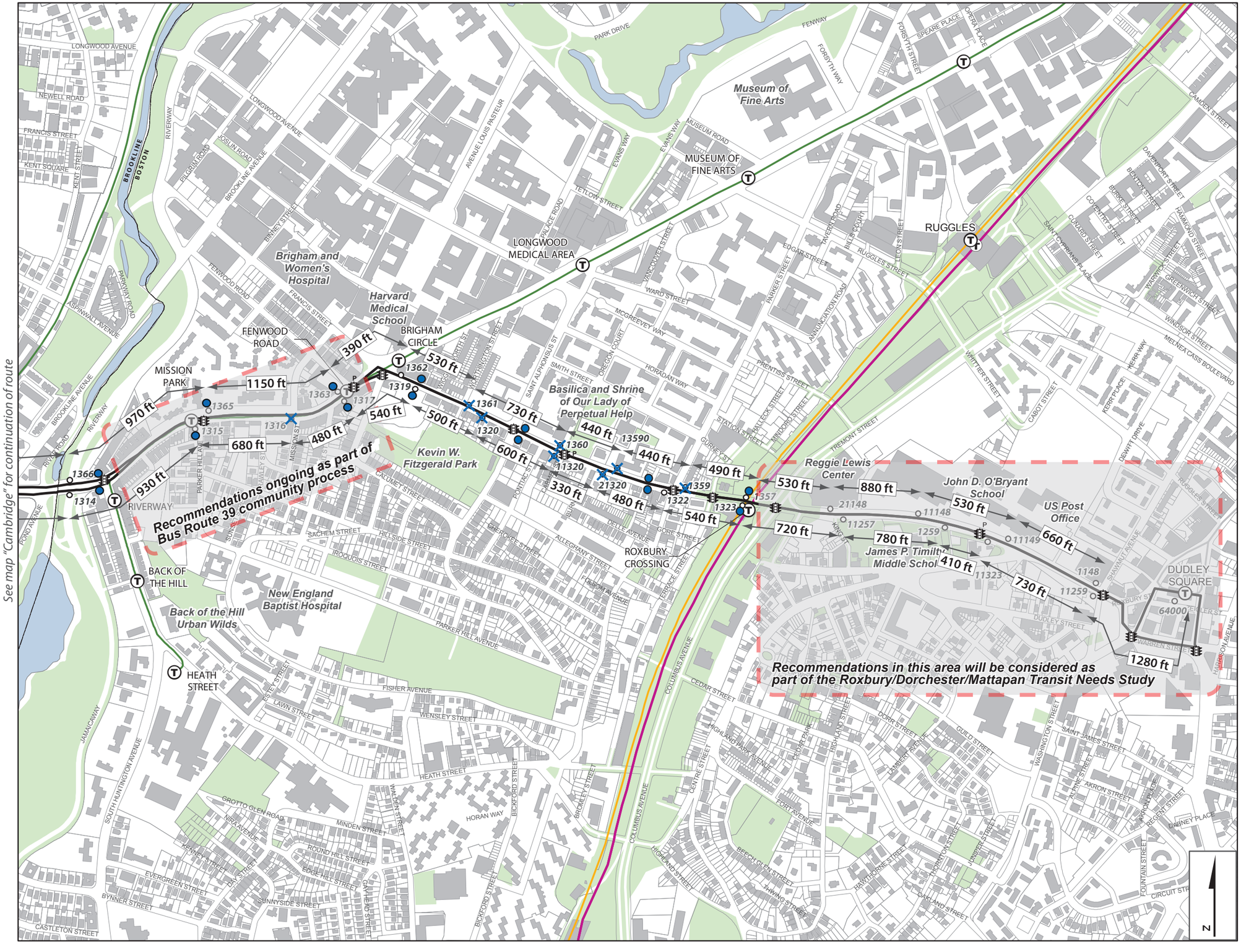
Massachusetts Bay Transportation Authority

massDOT

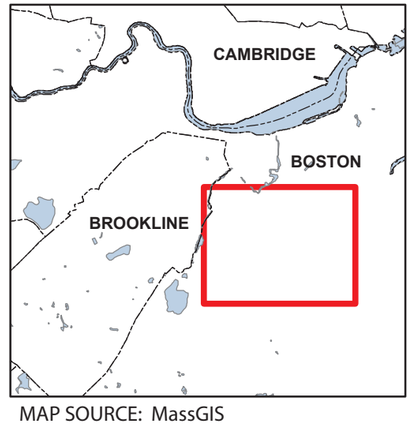
Key Bus Route Improvement Program

Route 66

Revised Preliminary Recommendations Mission Hill



- Route 66
- 110 — Existing Stops w/ Bus Stop Identification No.
- Proposed Stops
- Proposed Eliminated Stops
- Rapid Transit Lines w/ Stations
- Commuter Rail w/ Stations
- P — Traffic Signals (P = Pedestrian)
- 750 ft — Distance between Existing Stops
- Municipal Boundaries



MAP SOURCE: MassGIS

0 375 750 1,500 Feet

McMAHON TRANSPORTATION ENGINEERS & PLANNERS

8 March 2011